

FIG.1  
PRIOR ART

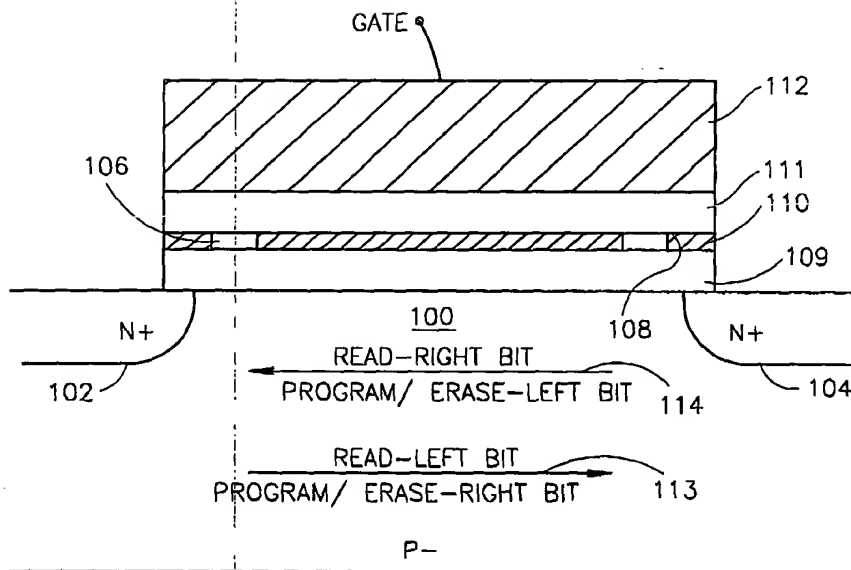


FIG.2A  
PRIOR ART

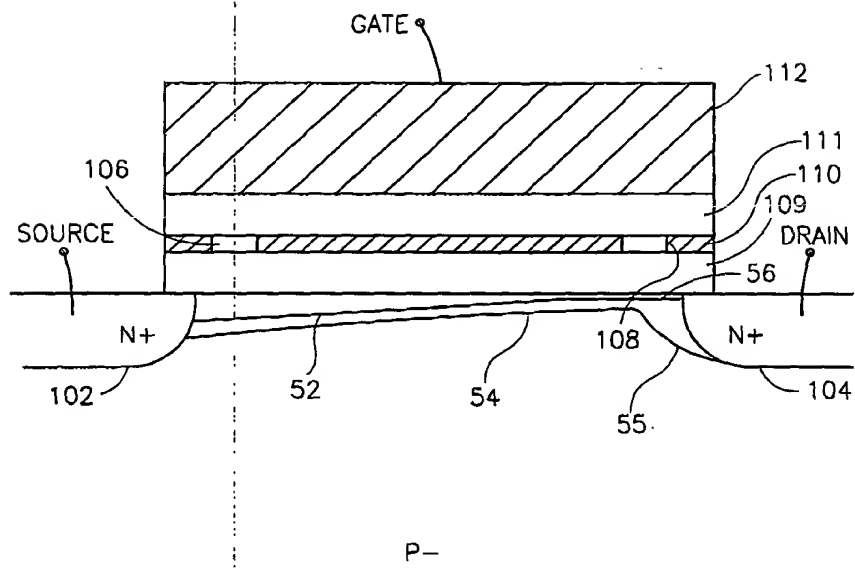
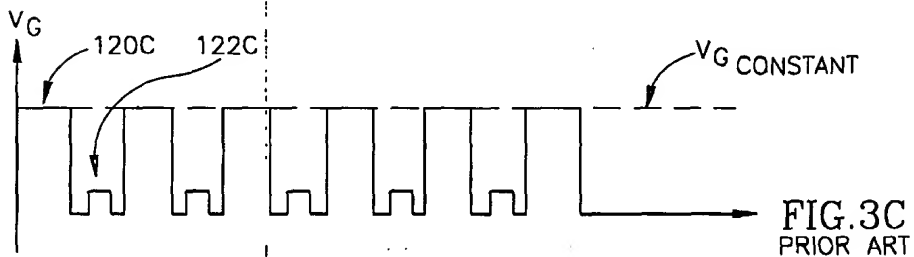
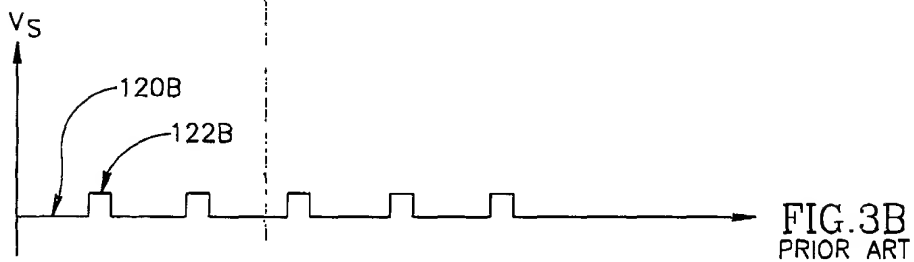
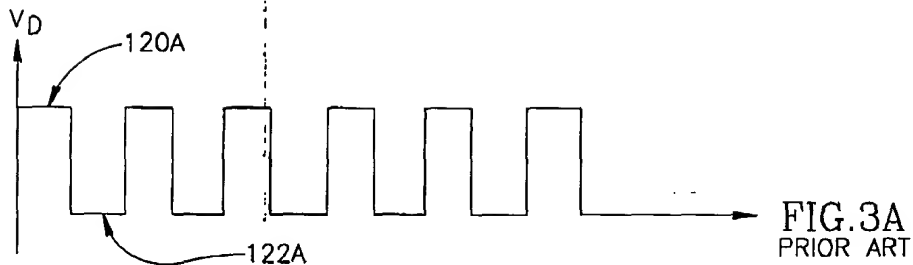


FIG. 2B  
PRIOR ART



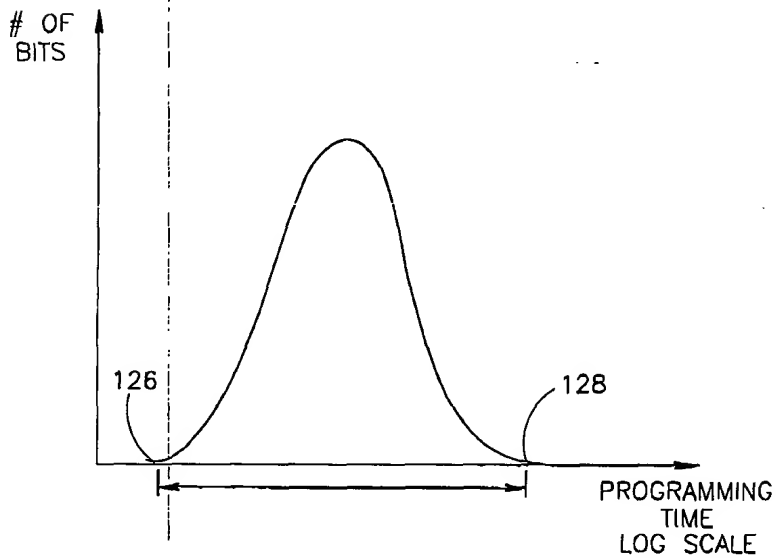


FIG.4  
PRIOR ART

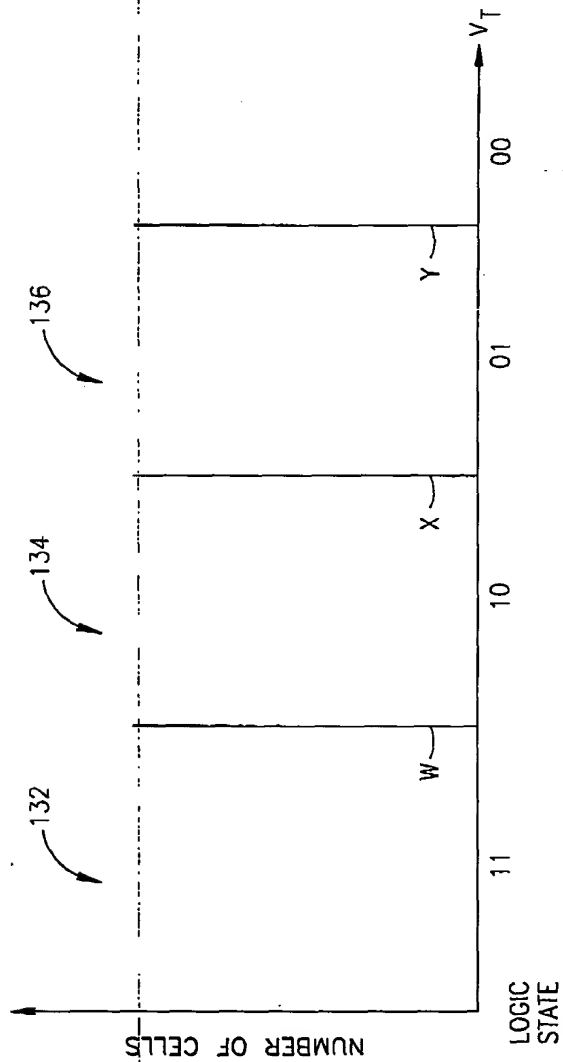
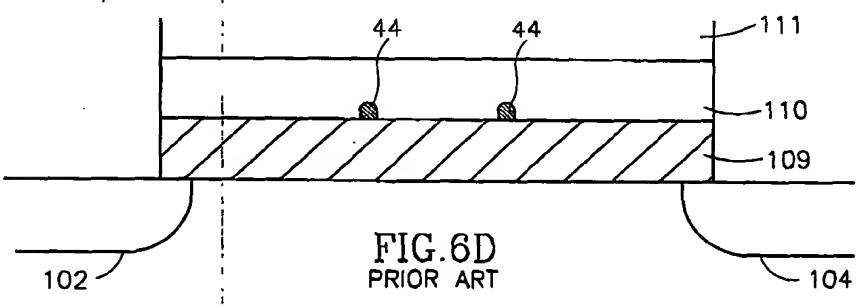
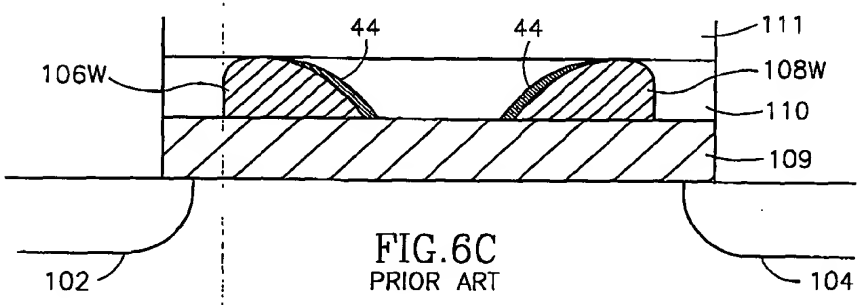
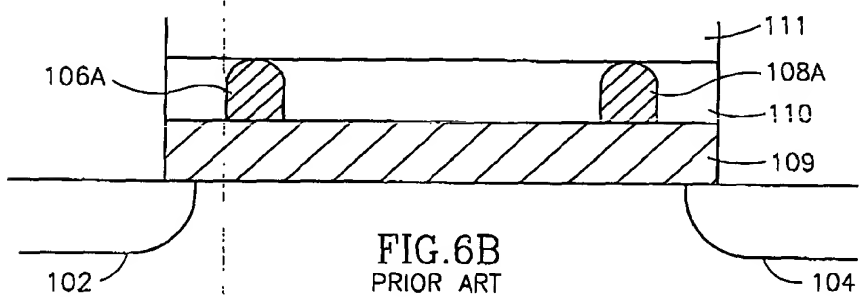
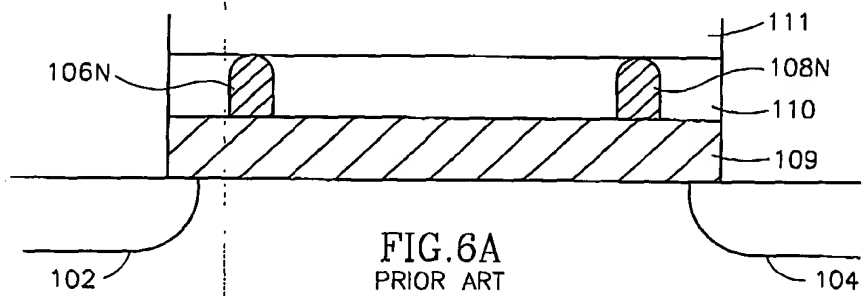


FIG. 5

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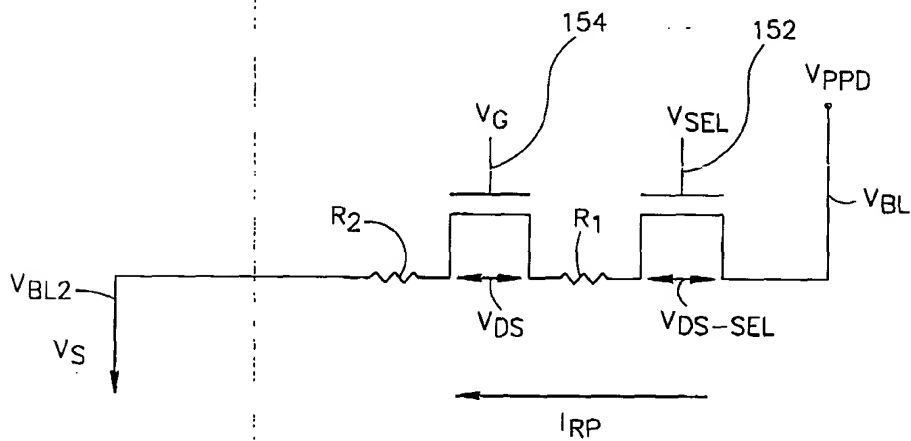


FIG. 7  
PRIOR ART



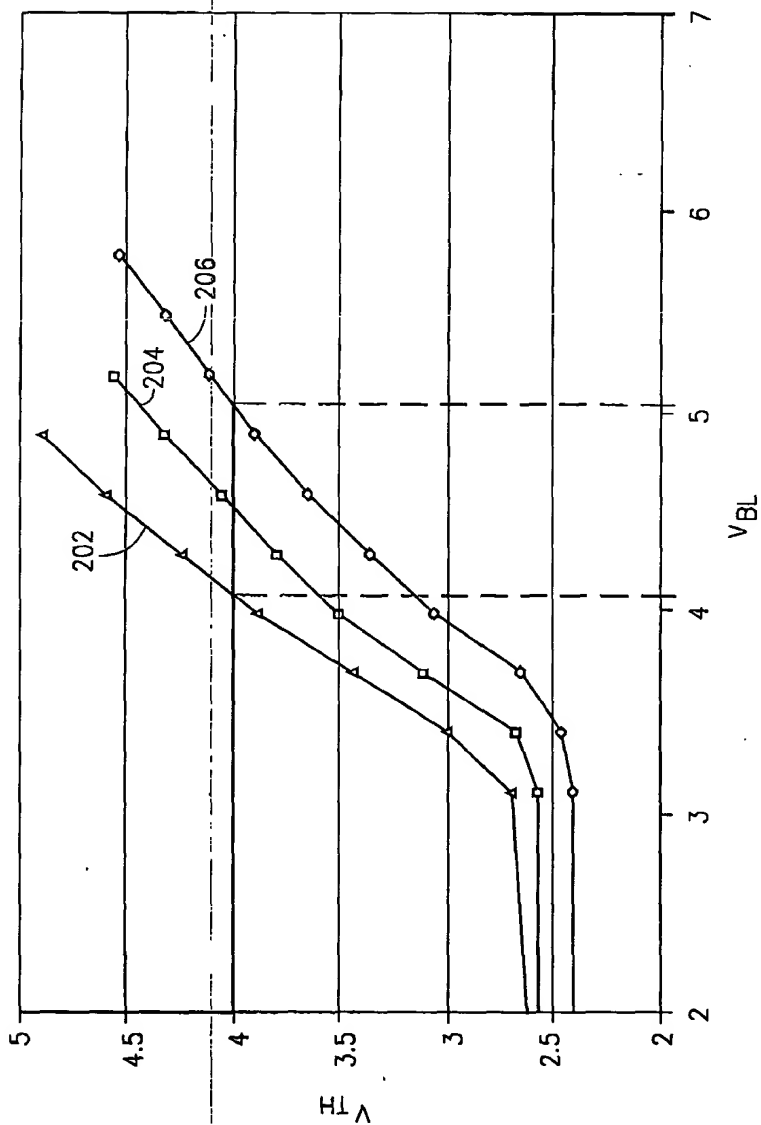


FIG.8A

Figure 1 is a line graph showing the dependence of the energy level  $E_{\Lambda}$  (in eV) on the voltage  $V_{BL}$  (in V) for three different transitions: 212, 214, and 216. The y-axis represents  $E_{\Lambda}$  and ranges from 2 to 5 eV. The x-axis represents  $V_{BL}$  and ranges from 2 to 7 V. The data points are plotted as circles for transition 212, triangles for transition 214, and squares for transition 216. All three transitions show a similar trend: the energy level  $E_{\Lambda}$  increases as  $V_{BL}$  increases, starting from a plateau at low voltages and then rising sharply. The 216 transition consistently has the highest energy levels, followed by 214, and then 212.

| $V_{BL}$ (V) | $E_{\Lambda}$ (eV) for 212 | $E_{\Lambda}$ (eV) for 214 | $E_{\Lambda}$ (eV) for 216 |
|--------------|----------------------------|----------------------------|----------------------------|
| 3.2          | 2.5                        | 2.6                        | 2.7                        |
| 3.5          | 2.8                        | 2.9                        | 3.0                        |
| 4.0          | 3.2                        | 3.3                        | 3.4                        |
| 4.5          | 3.6                        | 3.7                        | 3.8                        |
| 5.0          | 4.0                        | 4.1                        | 4.2                        |
| 5.5          | 4.4                        | 4.5                        | 4.6                        |
| 6.0          | 4.8                        | 4.9                        | 5.0                        |

FIG. 8B

FIG. 8C

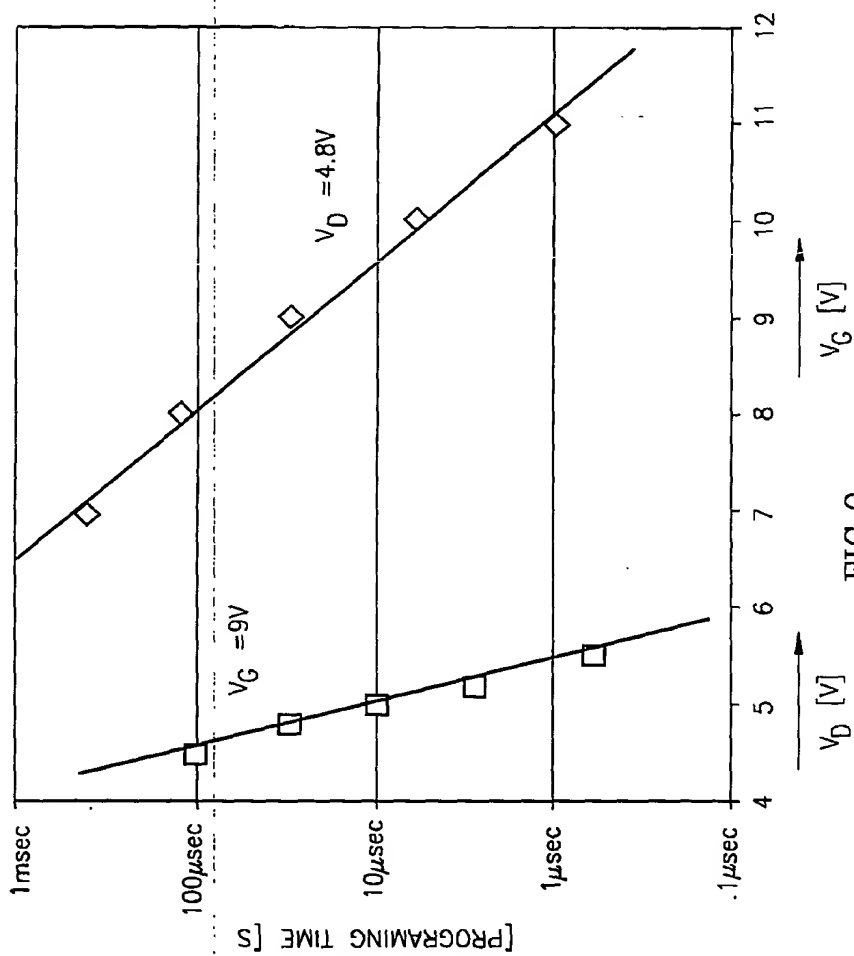


FIG. 10

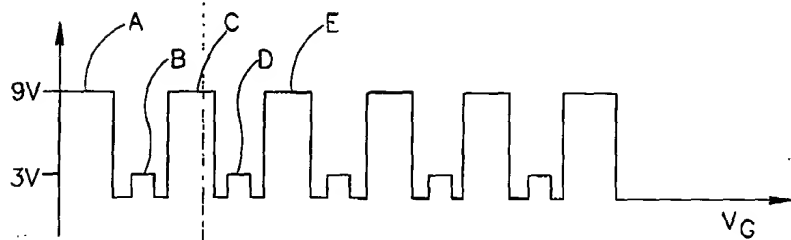


FIG. 11A

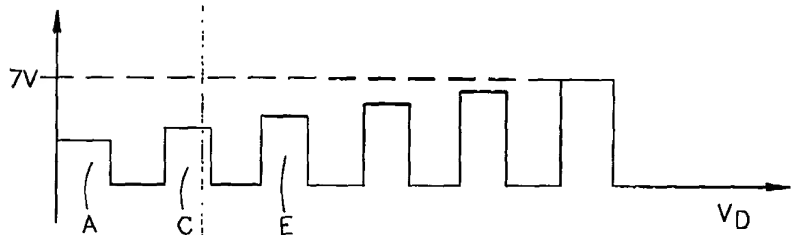


FIG. 11B

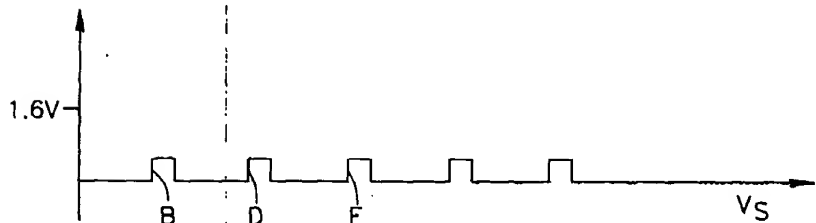


FIG. 11C

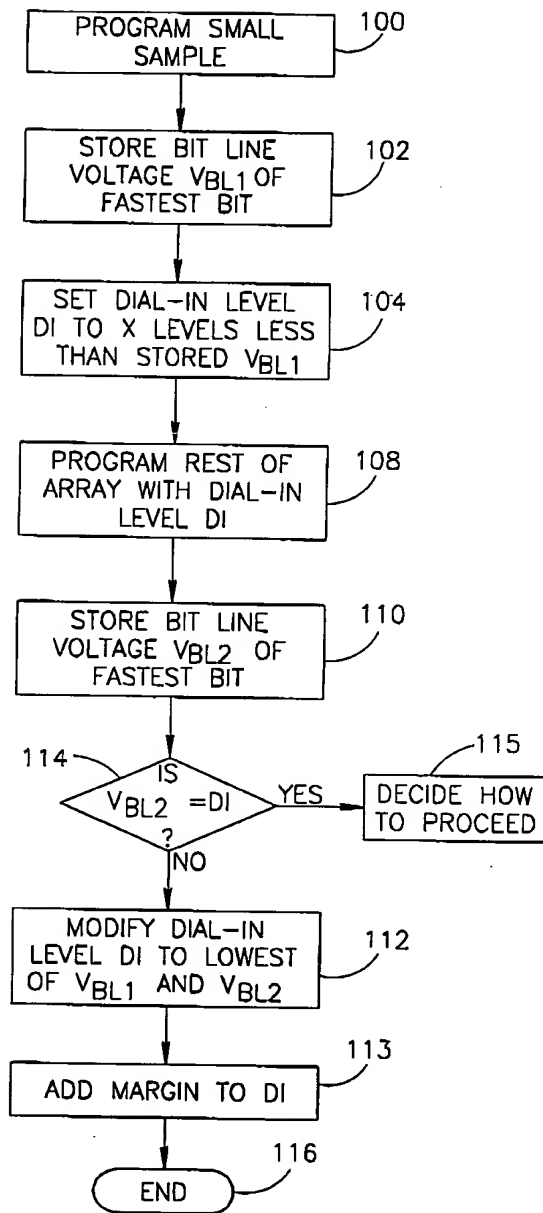


FIG.12

FIG.13A

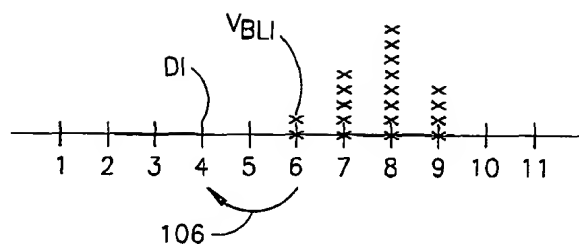


FIG.13B

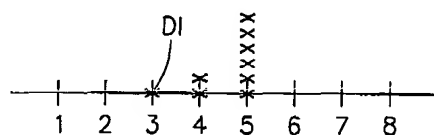


FIG.13C

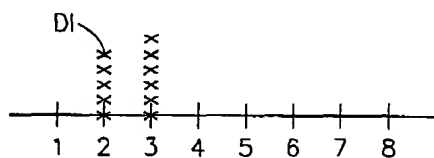


FIG.13D

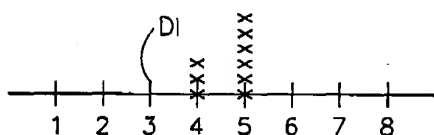


FIG.13E

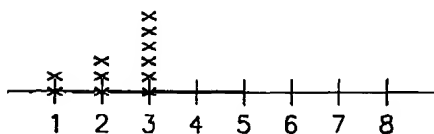
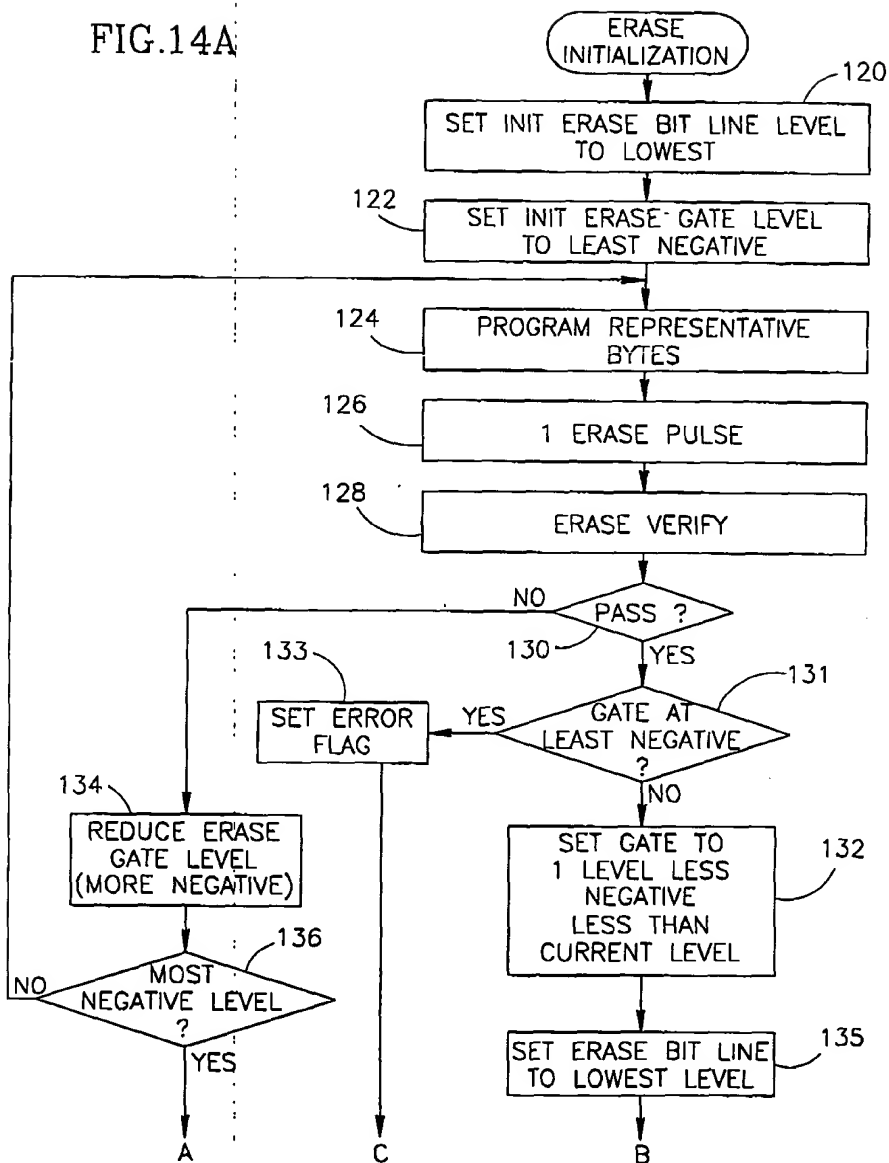




FIG.14A



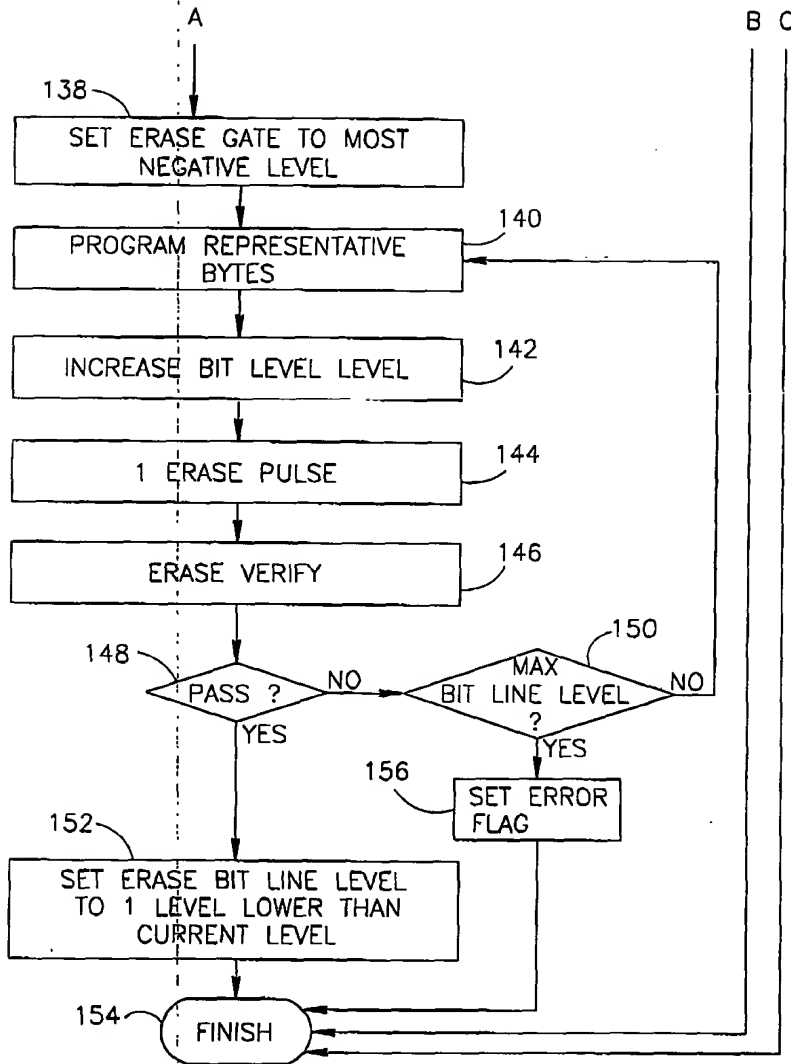
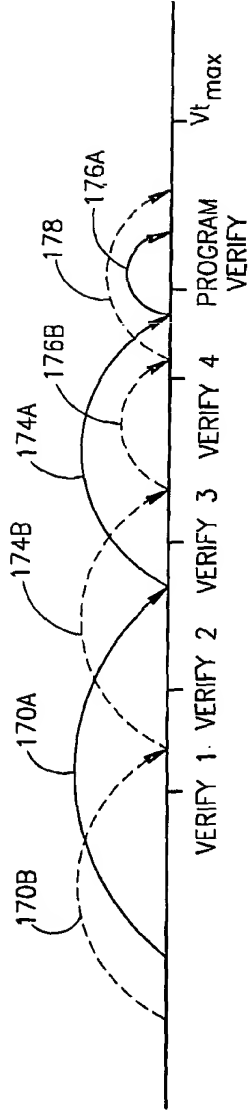
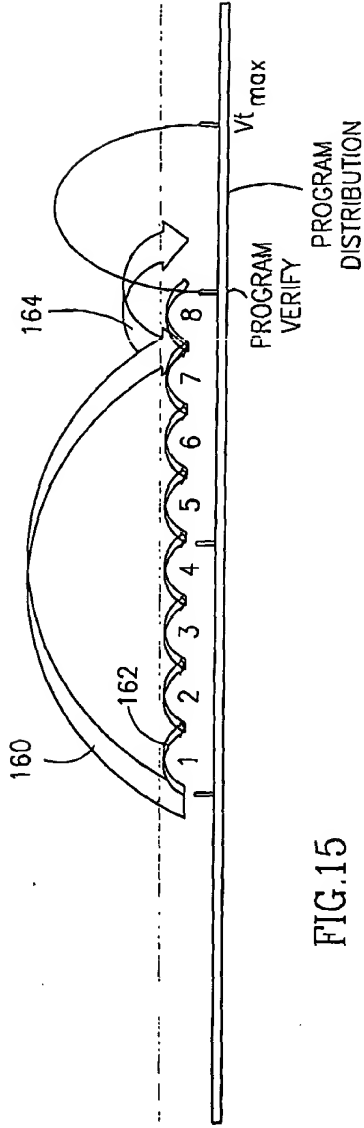


FIG.14B



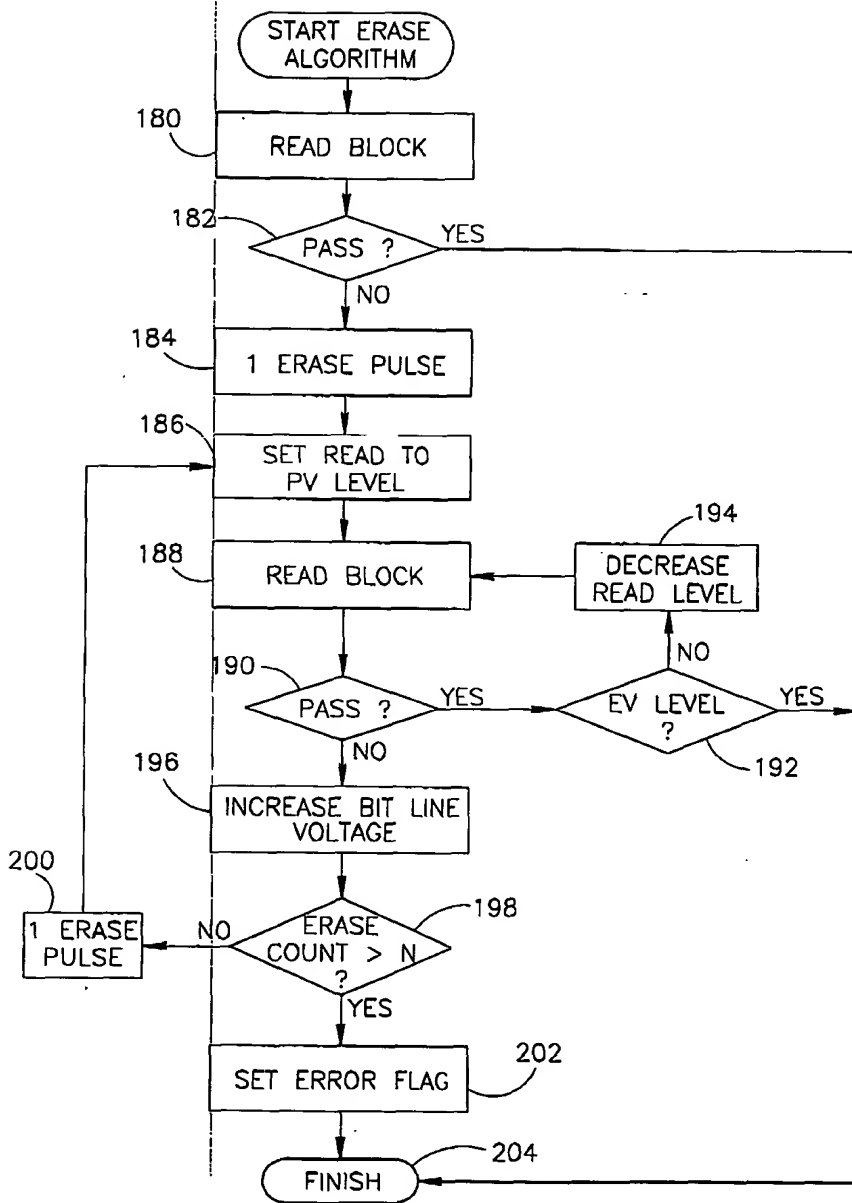


FIG.17